

## Product datasheet for **MR208318A1V**

### Mouse Lap3 (NM\_024434) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lap3 (NM_024434) AAV Particle
Tag:	Myc-DDK
Symbol:	Lap3
Synonyms:	2410015L10Rik; AA410100; Lap; LAP-3; Lapep; Pep-7; Pep-S; Pep7; Peps
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR208318 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTA**CTT**GTG**CCCC**TTCCGGCTGCCGCGGAGT**CGCGTCCGCGCCTGGGAGT**GAGAGGTCTCTGGG  
 ATCGGGGTCTGTCCACCGCAGACATGACGAAGGGCCTGTTTTAGGAATTTATGCCAAAGACAAAGATGA  
 TGACCTGCCACAATTTACAAGT**GCGGGAGAGAGTTTTAATAAGTTGGTGTCTGGAAAGCTGAGGGAAATG**  
 TTGAACATATCTGGACCTCCTCTCAAAGCAGGCAAAACCAGAACCTTCTATGGTCTGCATCAGGACTTCC  
 CCAGCGTGGTGGTGGTGGCCTTGGCAAGCGATCGGCTGGAGTTGATGACCAGGAAA**ACTGGCACGAAGG**  
 CAAAGAAAACATCAGAGCTGCTGTTGCAGCGGGATGCAGGCAGGTCCAAGACCTGGAGCTGCCGTCGGTG  
 GAGGTGGATCCCTGTGGAGATGCGCAAGCTGCTGCAGAAGGAGCTGTGCTTGGTCTCTATGAGTACGATG  
 ACCTGAAGCAGAAGAAGAGGTGGCTGTGTCGGCAAGCTCCACGGAAGCGGTGATCTCGAGGCCTGGGA  
 GAAAGGGTCTCTTTGCTTCTGGACAGAACTTGGCCCGTCATCTGATGGAGTCTCCAGCCAATGAGATG  
 ACACCAACCAGATTTCGCTGAAATCATTGAAAAAACCTCAAAGTGCCAGTAGTAAAACCAAGGTCCATA  
 TCAGACCCAAGTCTGGATAGAGGAACAGAAATGGGTTCTGTTCTAAGTGTAGCCAAGGGGTCTGAAGA  
 ACCACCACTTCTTGGAAATCCACTACATGGGCAGCCCAATGCAACCGAGGCACCCCTGGTGTGGTGTG  
 GGAAGGGCATTACCTTTGACAGTGGAGGTATCTCCATCAAGGCTTCTGCAAACATGGACCTCATGAGGG  
 CTGATATGGGAGGAGCAGCAACAATATGCTCGGCCATTGTGTCTCGCGCAAAGCTCAACTTGGCCATTAA  
 CATCATTGGTTTGGCCCTCTTTGTGAAAATATGCCTAGCGGCAAGGCCAACAGCCAGGGGATGTCGTC  
 AGAGCCAGGAATGGGAAGACCATCCAGGTTGATAACACTGACGCCGAGGGGAGGCTCATCTGGCCGATGGA  
 CACTCTGTTATGCACACACCTTTAATCCAAGTCAATCAATGCTGCCACCTTAACAGGTGACCATGGA  
 TGTAGCCCTGGGGT**CAGGTGCCACTGGAGTCTTTACCAATTCGCTGGCTGTGGAACAAACTATTTGAG**  
 GCCAGCGTAGAAACTGGGGACCGAGTCTGGAGGATGCCCTCTTTGAGCATTATACAAGCAAGTCATAG  
 ATTGCCAGCTTCTGATGTCAACAATCTTGGAAAATACAGATCTGCAGGTGCGGTACAGCTGCCGCATT  
 CCTGCGAGAGTTTGTGACACATACGAAGTGGGCACACTTAGACATAGCAGGAGTATGACCAACAAAGT  
 GAGATTCCTACCTGCGGAAGGGGATGAGTGGGCGGCCACGAGGACTCTGATTGAGTCTTACTTCGAT  
 TCAGTAAAGACAGTTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208318 protein sequence  
 Red=Cloning site Green=Tags(s)

MYLLPLPAAARVALRRLGVRGLWDRGLSTADMTKGLVLGIYAKDKDDDLPQFTSAGESFNKLVSGKLR  
 LNISGPPLKAGKTRTFYGLHQDFPSVVVVLGKRSAGVDDQENWHEGKENIRAAVAAGCRQVQDLELPSV  
 EVDPCGDAQAAAEAVLGLYEYDDLKQKKVAVSAKLHGSGDLEAWEKVLFASGQNLARHLMESPANEM  
 TPTRFAEIIIEKNLKSASSKTKVHIRPKSWIEEQEMGSFLSVAKGSEPPVFLFIHYMGSPNATEAPLVFV  
 GKGITFDSSGGISIKASANMDLMRADMGGAATCSAIVSAAKLNLPINIIGLAPLCENMPSGKANKPGDVV  
 RARNGTKIQVDNTDAEGRLILADALCYAHTFNPKVIINAATLTGAMDVALGSGATGVFTNSSWLWNKLF  
 ASVETGDRVWRMPLFEHYTRQVIDCQLADVNNLGKYRSAGACTAAAFVREFVTHTKWAHLDIAGVMTNKD  
 EIPYLRKGMGRPTRLIEFLLRFKDDSS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_024434

**ORF Size:**

1560 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
<b>RefSeq:</b>	<u><a href="#">NM_024434.3</a></u>
<b>RefSeq Size:</b>	2267 bp
<b>RefSeq ORF:</b>	1560 bp
<b>Locus ID:</b>	66988
<b>UniProt ID:</b>	<u><a href="#">Q9CPY7</a></u>
<b>Cytogenetics:</b>	5 24.98 cM
<b>MW:</b>	56.1 kDa